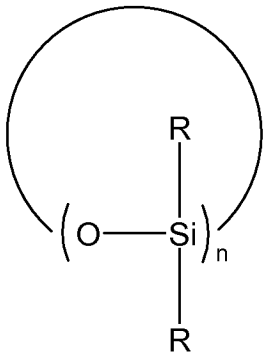
LISTING OF THE CLAIMS

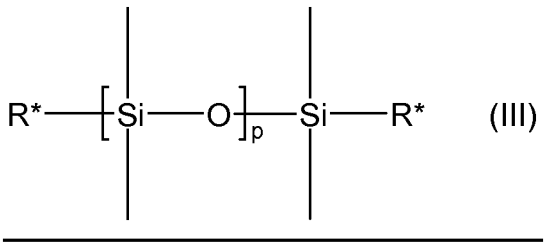
1. (currently amended) A poly(cyclosiloxane) network comprising the hydrosilation reaction product of:

a cyclosiloxane of the formula:

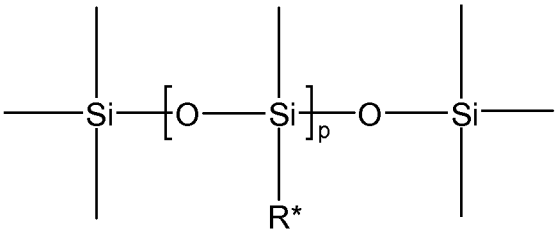


; and

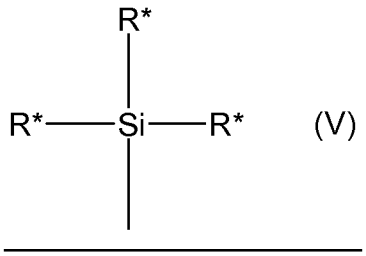
at least one crosslinking group selected from one or more of the following formulas:



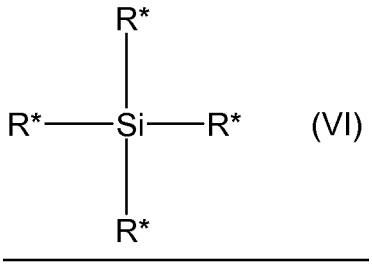
(III)



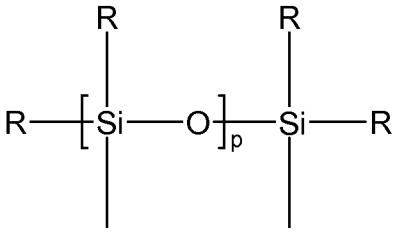
(IV)



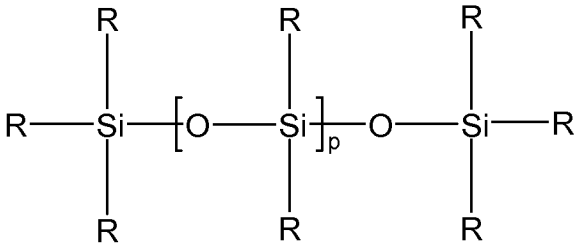
(V)



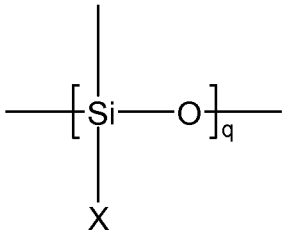
(VI)



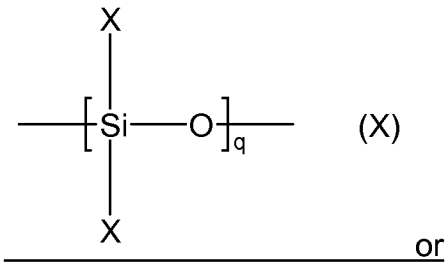
(VII)



(VIII)

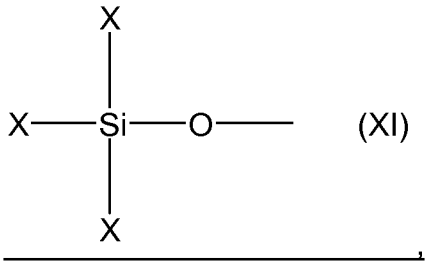


(IX)



(X)

or



(XI)

,

wherein p is equal to an integer from 0 to 200, q is equal to an integer from 1 to 100, R is a C_1 to C_4 alkyl, R* is a vinyl, an allyl, a hydride, a hydroxyl, a halogen or a C_1 to C_4 alkoxy, and X is a hydride, a hydroxyl, a halogen or a C_1 to C_4 alkoxy,

wherein each R are the same or different for each siloxane moiety and are selected from the group consisting of hydrogen, an alkyl group, an aryl group, and a cycloalkyl group, and wherein n is an integer from 3 to 8, ~~wherein the at least one crosslinking group is selected from linear silanols, branched silanols, halosilanes, alkoxysilanes, vinyl silanes, allyl silanes, vinyl siloxanes, and allyl siloxanes,~~ and

wherein the cyclosiloxane contains two or more Si–H bonds and at least two of the two or more Si–H bonds on each molecule of cyclosiloxane act as crosslinking sites.

2. (cancelled)

3. (cancelled)

4. (previously presented) The poly(cyclosiloxane) network of claim 1, wherein n is equal to 5.

5. (original) The poly(cyclosiloxane) network of claim 1, wherein the molar ratio of cyclosiloxanes to reacted moieties is greater than 1:1.

6. (cancelled)

7. (previously presented) The poly(cyclosiloxane) composition of claim 1, wherein the cyclosiloxane is selected trimethylcyclotrisiloxane, tetramethycyclotetra-siloxane, hexamethylcyclohexasiloxane, heptamethylcycloheptasiloxane, and octakis(dimethylsiloxy)T8-silsesquioxane.

8. (original) The poly(cyclosiloxane) composition of claim 1, wherein the cyclosiloxane is pentamethylcyclopentasiloxane and the crosslinking group is a dihydroxyhexasiloxane.

Claims 9 through 20, cancelled.

21. (previously presented) The polycyclosiloxane network of claim 1, wherein the network is a thermoset composition.